



**US Army Corps  
of Engineers**

Vicksburg District  
4155 Clay Street  
Vicksburg, MS 39183-3435



# Public Notice

APPLICATION NO.: RAP-200111230  
EVALUATOR: Robert A. Piazza  
PHONE NO.: (601) 631-5170  
FAX NO.: (601) 631-5459  
E-MAIL: regulatory@mvk02.usace.army.mil  
DATE: 22 October 2001  
EXPIRATION DATE: 12 November 2001

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District and the Arkansas Department of Environmental Quality are considering an application for a Department of the Army Permit and State Water Quality Certification for the work described herein. Comments should be forwarded to the Vicksburg District, ATTN: CEMVK-OD-F and the Arkansas Department of Environmental Quality at Post Office Box 8913, Little Rock, AR 72219-8913, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:

Gib Anderson  
Gibs Farm Incorporated  
2509 Gib Anderson Road  
Pine Bluff, Arkansas 71601

Location of Work: Section 18, Township 7 South, Range 8 West, latitude North 34° 7' 0.30", longitude West 91° 56' 45.96", within the Bayou Bartholomew drainage basin, Jefferson County, Arkansas.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to construct a 46-acre irrigation storage reservoir. The reservoir would be constructed with a 14-foot top, 3:1 side slopes, an average height of 7.3 feet, and a length of 5682 feet. A drainage ditch would be constructed on the east property line. The levee would be constructed with perry clay soils, 7,230 cubic yards in wooded wetlands and 18,353 cubic yards in farmed wetlands. There would be 4.7 acres of wooded wetlands and 30.3 acres of farmed wetlands impacted. The applicant would be willing to compensate for the wetland loss on site.

The placement of dredged and/or fill material in waters of the United States associated with the mechanized land clearing and levee construction requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project would not affect any of the 52 sites in Jefferson County listed in the National Register of Historic Places. Copies of this notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes, the Corps archaeologists, and other interested parties for comment on potential effects to cultural resources that could result from this activity.

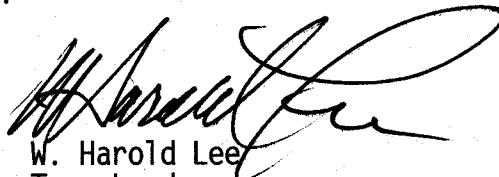
Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

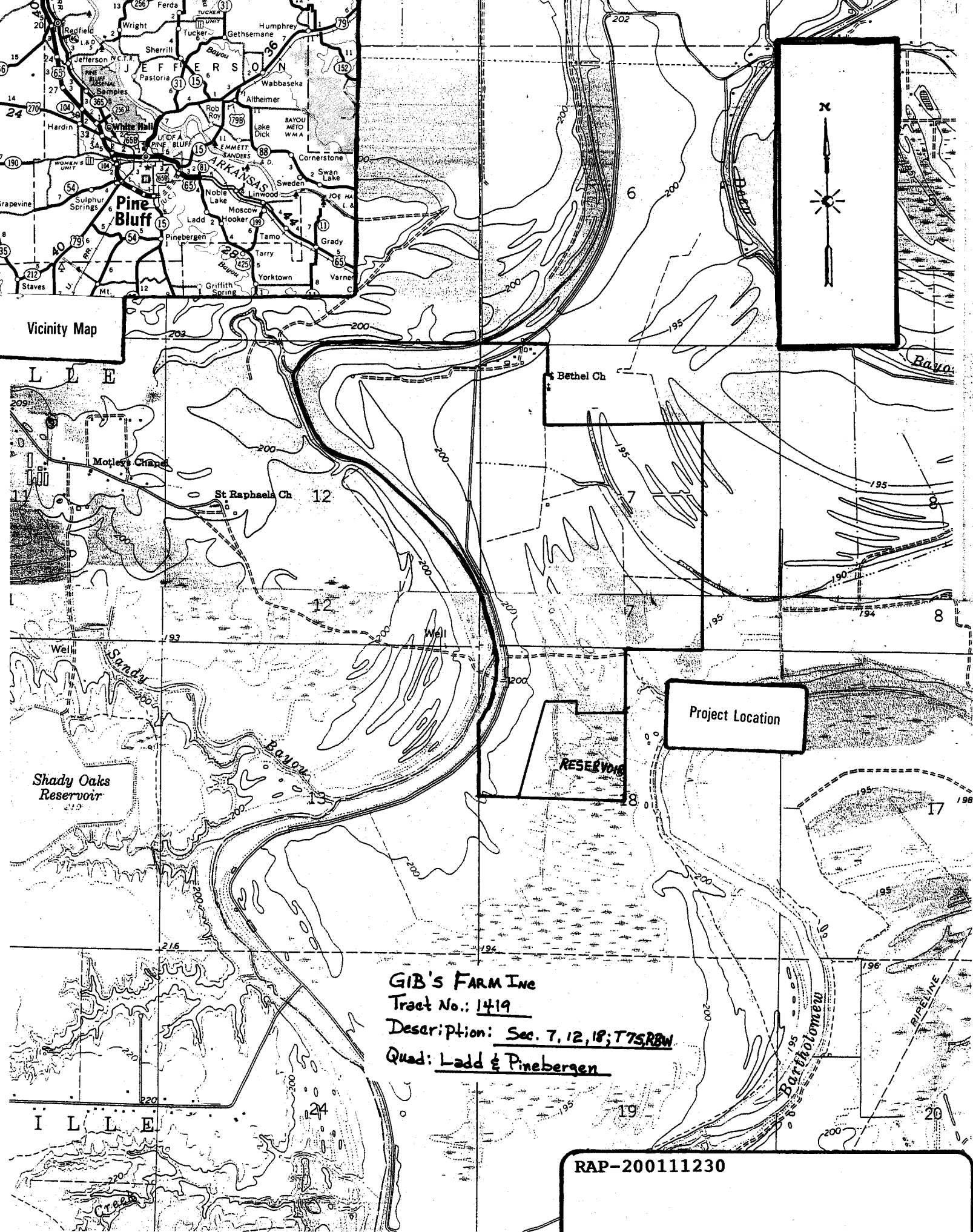
Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.



W. Harold Lee  
Team Leader  
Evaluation Section



Vicinity Map

Project Location

GIB'S FARM INC  
Tract No.: 1419  
Description: Sec. 7, 12, 18; T7S, R6W  
Quad: Ladd & Pinebergen

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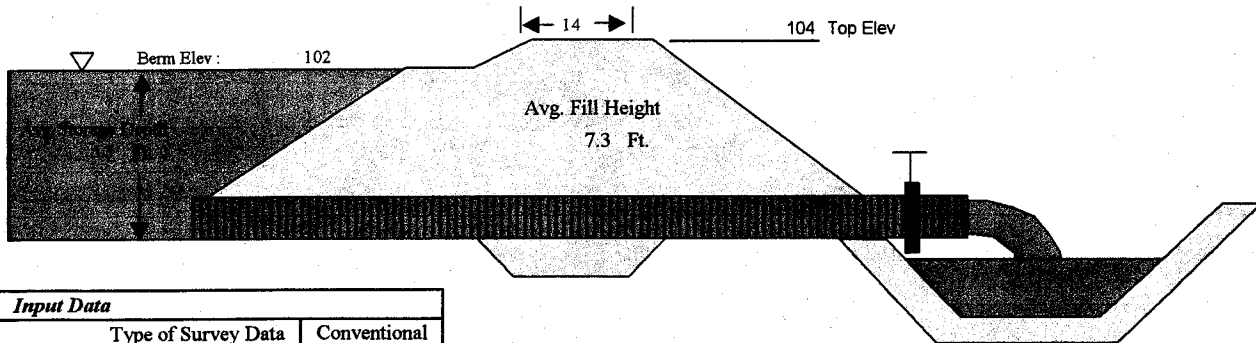
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GIBS FARM INC



### 436 - Irrigation Storage Reservoir

Farm Plan for :	Anderson, Gibb	Farm #:	538
System # :	1	Tract # :	1419
Designed By :	T. Hunter	Date :	13-Jul-01



Input Data	
Type of Survey Data	Conventional
Structure # :	1
Emb Top Elev	104
Water Surface Elev	102
Emb Front Side Slope	3
Emb Back Side Slope	3
Emb Top Width	14
Core Trench Width	12
Core Trench Depth	1
Core Trench Side Slopes	1
Berm Width	4
Berm Elev	102
Reservoir Surface Area (Ac)	46
Res Fill Pump Capacity (gpm)	2000

Output Data			
Emb CuYds	56,043	Avg Storage Depth (Ft)	5.3
Core Trench CuYds	2,736	Time to Fill Reservoir (Hrs)	667.8
Berm CuYds	4,424	Time to Fill Reservoir (Days)	27.8
Total Cubic Yards	63,202	Time To Empty Reservoir (Hrs)	
Emb Length (Ft)	5,682	Time To Empty Reservoir (Days)	
Cu Yds / Ft	11	Total Storage Needed This Farm-AcFt	
Avg Fill Height (Ft)	7.3	Storage Needed This Tract # - AcFt	
Max Fill Height (Ft)	11.1	Storage This Reservoir -AcFt	245.9
Min Fill Height (Ft)	4.3	Seeding Area - Acres	6.2

Reservoir Pipe Only						
Pipe #	Type of Pipe	Size	Length of Pipe (Ft)	Flow (GPM) Full	Flow (GPM) 1/2 Full	Time To Empty Reservoir - Days
Reservoir Gate Only				Note: The flow of pipes are based upon upon minimum slope of pipe through emb and outlet not submerged. Time to empty reservoir in Output Data above is for ALL pipes open at same time. Time to empty reservoir in box immediately above this note is time for each individual pipe to empty reservoir.		
Gate #	Type of Gate	Size	Qty			

**Notes:**

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GIBS FARM INC